

Electronic Over- and Under Voltage Relay, type SW

Order-No.: 50.14.010

The SW switches electrical devices in dependence of the technical data mentioned below automatically ON and OFF.

The control has two inputs which can be used alternatively:

- Voltage input 1: phase control
- Voltage input 2: d.c. voltage

A light emitting diode displays the actual switching state of the relay.



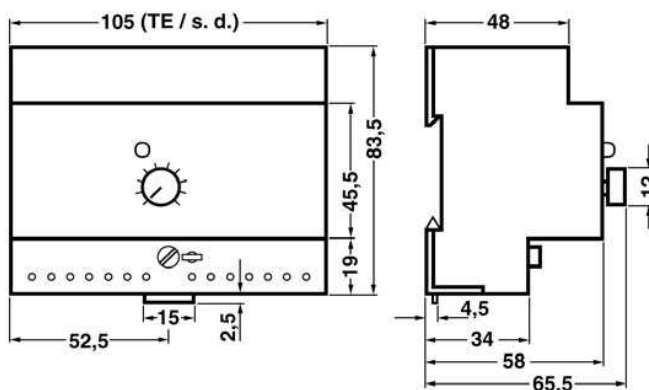
Electronic over and under voltage relay SW

Technical data:

Characterization	Over and under voltage relay, type SW
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Type	: SW
Order-no.	: 50.14.010
Power supply	: 230V, 50/60 Hz
Output	: two-way contact
Protection	: external 6 A
Ambient temperature	: max. 45°C with natural air-convection (at vertical mounting position)
Terminals	: 0,5 – 2,5 mm ² , solid wire or litz wire with sleeve
Wire length	: max. 100 m
Own consumption	: approx. 5VA
Inputs	: 1. Phase control (adjustment range: 15 -205 V eff) 2. d.c. control voltage (adjustment range: 1 - 20V ⇒)
Housing	: plastic for DIN rail systems
Dimensions	: WxHxD =105x83,5x65,5 mm
Weight	: approx. 400gr
Protective type	: IP 20
Contamination grade	: 2 (dry, non-conductive according IEC 664,10/92)
Requirements	: EMC met accord. to EN 61547 (04/96) Low-voltage met acc. to IEC 669-2-1 11/94

Dimensional Drawing SW



Wiring diagram

